

DYNAMIC REMOVAL OF A DRIVER STACK WHEN A PARENT DRIVER USES A CHILD DRIVER

ABSTRACT OF THE DISCLOSURE

5 A parent driver desiring to access a service of a child driver in a driver stack creates a
virtual device object. The virtual device object is inserted into the driver stack below the
child driver. When a query to dynamically remove the driver stack arrives at the virtual
device object, the virtual device object notifies the parent driver. The parent driver stops
accessing the child driver before directly receiving and processing the remove query,
10 allowing the driver stack to be removed after all drivers in the driver stack process the
remove query.